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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/589,052
	Filing Date	August 10, 2006
	First Named Inventor	Kambiz Shekdar et al.
	Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	CHROMO/003

ENCLOSURES (Check all that apply)		
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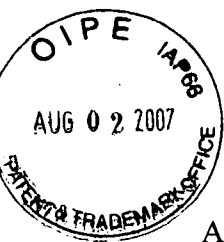
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CHROMO/003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kambiz Shekdar et al.
Application No. : 10/589,052
Filed : August 10, 2006
For : METHODS AND MATERIALS USING SIGNALING PROBES
Group Art Unit : Not Yet Assigned
Examiner : Not Yet Assigned

New York, New York 10036
August 2, 2007

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Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants hereby make the following documents of record in the above-identified patent application:*

U.S. Patent Documents

<u>Patent No.</u>	<u>Issue Date</u>	<u>Applicant</u>
5,641,675	06/24/1997	Singer et al.
5,858,649	01/12/1999	Asgari et al.
5,866,336	02/02/1999	Nazarenko et al.
5,925,517	07/20/1999	Tyagi et al.
6,037,130	03/14/2000	Tyagi et al.

* A completed Form PTO/SB/08a listing these documents is attached hereto.

U.S. Patent Documents

6,203,986	03/20/2001	Singer et al.
6,391,593	05/21/2002	Weston et al.
6,485,901	11/26/2002	Gildea et al.
6,534,274	03/18/2003	Becker et al.
6,589,743	07/08/2003	Sorge
6,692,965	02/17/2004	Shekdar et al.
6,743,581	06/01/2004	Vo-Dinh
7,132,241	11/07/2006	Ishibashi et al.

Foreign Patent Documents

<u>Publication No.</u>	<u>Publication Date</u>	<u>Applicant</u>
CA 2,202,549	04/25/1996	Seshadri et al.
EP 0 745 690	12/04/1996	Tyagi et al.
WO 00/31302	06/02/2000	Ecker
WO 00/62063	10/19/2000	Su
WO 02/051988	07/04/2002	Blackburn et al.
WO 02/06524	01/24/2002	Wiebusch et al.
WO 02/29117	04/11/2002	Polizzi
WO 03/048346	06/12/2003	Burgess et al.
WO 91/07660	05/30/1991	Bianchi

U.S. Published Documents

<u>Publication No.</u>	<u>Publication Date</u>	<u>Applicant</u>
2001/0009760 A1	07/26/01	Horn et al.
2002/0090614 A1	07/11/02	Zhang et al.
2003/0032024 A1	02/13/03	Lizardi
2003/0059786 A1	03/27/03	Ward et al.

Other Documents

Babinet et al., "Transgenic mice," Genome, Vol. 31, pp. 938-949 (1989).

Gagneten et al., "Brief Expression of GFP *cre* Fusion Gene in Embryonic Stem Cells Allows Rapid Retrieval of Site-Specific Genomic Deletions," Nucleic Acids Research, Vol. 25, pp. 3326-3331 (1997).

Kitazawa et al., "In Situ DNA-RNA Hybridization Using In Vivo Bromodeoxyuridine-Labeled DNA Probe," Histochemistry, Vol. 92, pp. 195-199 (1989).

Leone et al., "Molecular Beacon Probes Combined with Amplification by NASBA Enable Homogeneous, Real-Time Detection of RNA," Nucleic Acids Research, Vol. 26, No. 9, pp. 2150-2155 (1998).

Li et al., "Molecular Beacon-Based Homogeneous Fluorescence PCR Assay for the Diagnosis of Infectious Diseases," Analytical Sciences, Vol. 16, pp. 245-248 (2000).

Martone et al., "Subcellular Localization of mRNA in Neuronal Cells," Molecular Neurobiology, Vol. 18, pp. 227-246 (1998).

Matsuo, "In Situ Visualization of Messenger RNA for Basic Fibroblast Growth Factor in Living Cells," Biochimica et Biophysica Acta, 1379, pp. 178-184 (1998).

Pennline et al., "Detection of In Vivo-Induced IL-1 mRNA in Murine Cells by Flow Cytometry (FC) and Fluorescent In Situ Hybridization (FISH)," Lymphokine and Cytokine Research, Vol. 11, No. 1, pp. 65-71 (1992).

Phillips et al., "Antisense RNA Amplification: A Linear Amplification Method for Analyzing the mRNA Population from Single Living Cells," METHODS: A Companion to Methods in Enzymology, Vol. 10, No. 3, pp. 283-288 (1996).

Sixou et al., "Intracellular Oligonucleotide Hybridization Detected by Fluorescence Resonance Energy Transfer (FRET)," Nucleic Acids Research, Vol. 22, No. 4, pp. 662-668 (1994).

Sokol et al., "Real Time Detection Of DNA-RNA Hybridization In Living Cells," PROC. NATL. ACAD. SCI. USA, Vol. 95, pp. 11538-11543 (1998).

Tan et al., "Molecular Beacons: A Novel DNA Prode for Nucleic Acid and Protein Studies" Chem. Eur., Vol. 6, pp1107-1111 (2000).

Tsuji et al., "Direct Observation of Specific Messenger RNA in a Single Living Cell under a Fluorescence Microscope," Biophysical Journal, Vol. 78, pp. 3260-3274 (June 2000).

Tyagi et al., "Multicolor Molecular Beacons for Allele Discrimination," Nature Biotechnology, Vol. 16, pp. 49-53 (1998).

Tyagi et al., "Molecular Beacons: Probes that Fluoresce Upon Hybridization," Nature Biotechnology, Vol. 14, pp. 303-308 (1996).

Pursuant to 37 C.F.R. § 1.98, applicants have not enclosed copies of the U.S. patents and patent publications listed above. Copies of all other documents are enclosed.

Applicants respectfully request that these documents be: (1) fully considered by the Examiner during the examination of this application; and (2) printed on any patent that may issue from this application. Applicants request that a copy of the enclosed Form PTO/SB/08a, as considered and initialed by the Examiner, be forwarded to the undersigned with the next communication.

This Statement is submitted more than three months after the application filing date but before the mailing date of a first office action on the merits. In accordance with 37 C.F.R. § 1.97(b)(3), submission of this Information Disclosure Statement requires no fee. However, if for any reason a fee is due in connection with this Statement, the Director is hereby authorized to charge payment of the required fee to Deposit Account No. 06-1075 (Order No. 002298-0003).

An early and favorable action is respectfully requested.

Respectfully submitted,



Jane T. Gunnison (Reg. No. 38,479)

Attorney for Applicants

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/589,052
Filing Date	August 10, 2006
First Named Inventor	Kambiz Shekdar et al.
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	CHROMO/003

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/ADS/		5,641,675	06/24/1997	Singer et al.	
/ADS/		5,858,649	01/12/1999	Asgari et al.	
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/ADS/		5,925,517	07/20/1999	Tyagi et al.	
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/ADS/		6,743,581	06/01/2004	Vo-Dinh	
/ADS/		7,132,241	11/07/2006	Ishibashi et al.	

FOREIGN PATENT DOCUMENTS

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/ADS/		CA 2,202,549	04/25/1996	Seshadri et al.	abstract only
/ADS/		EP 0 745 690	12/04/1996	Tyagi et al.	
/ADS/		WO 00/31302	06/02/2000	Ecker	
/ADS/		WO 00/62063	10/19/2000	Su	
/ADS/		WO 02/051988	07/04/2002	Blackburn et al.	
/ADS/		WO 02/06524	01/24/2002	Wiebusch et al.	

Examiner
Signature

/Amber D. Steele/

Date
Considered

04/28/2011

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Sheet	2	of	4	Attorney Docket Number	CHROMO/003

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/ADS/		WO 02/29117	04/11/2002	Polizzi	
/ADS/		WO 03/048346	06/12/2003	Burgess et al.	
/ADS/		WO 91/07660	05/30/1991	Bianchi	

US PUBLICATION DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS

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Examiner Signature	/Amber D. Steele/	Date Considered	04/28/2011
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Sheet

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of

4

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